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| FORM PTO-1449 | | U.S. Department of Commerce Patent and Trademark Office | | Atty. Docket No. P30090 | Application No. 10/596,355 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | | | Applicant Shigeru SHIRAI et al. | |
| | | | | I.A. Filing Date December 9, 2004 | Group 3742 |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------|-----------|------------|-----------------|----------|-------------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | A | 4,583,585 | 04/22/1986 | Estienne et al. | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES | ENGLISH ABSTRACT YES | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | |
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| 1 | English language Abstract and machine translation of JP 08-094175, 04/12/1996. |
| 2 | English language Abstract and machine translation of JP 2000-329407, 11/30/2000. |
| 3 | Chinese Office Action (Certificate of Patent, Pamphlet of the announced patent specification) dated October 13, 2010 that issued with respect to Chinese Patent Application No. 200810095827.X. |
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*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.